IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) In a communication interface communicatively coupled to a host apparatus, [[A]] a method ~~within an electronic device~~ for ~~communicating within a network of localized electronic devices, wherein~~ conducting network communications, said method ~~comprises the steps of~~ comprising:

~~processing incoming and outgoing vibration wave messages in accordance with a network protocol~~ transducing a received sound-encoded signal into an electronically-encoded signal; ~~and~~

processing the transduced signal in accordance with a network distribution protocol;

decoding a message ~~specific~~ semantic of ~~an incoming vibration wave message~~ the transduced signal, said decoding comprising translating the message semantic in accordance with operating characteristics native to said host apparatus ~~and encoding a message specific semantic of an outgoing vibration wave message, such that said device may correspond in accordance with device specific and message specific limitations~~; and

transmitting an outgoing sound-encoded signal from said host apparatus in accordance with said network distribution protocol processing.

2. (Currently Amended) The method of claim 1, wherein said ~~processing step~~ transmitting an outgoing sound-encoded signal is preceded by ~~further comprises the steps of:~~

~~decoding said incoming vibration wave message; and~~

~~encoding said outgoing vibration wave message in accordance with said network protocol~~ encoding said outgoing sound-encoded signal in accordance with said translated message semantic.

3. (Currently Amended) The method of claim 1, wherein said transducing a received sound-encoded signal further ~~comprising the step of receiving and~~ comprises translating said ~~incoming vibration wave message~~ sound-encoded signal into a digitized electronic signal.

4. (Currently Amended) The method of claim [[3]] 2, wherein ~~all network messages include a control message, and wherein said method~~ said processing the transduced signal in accordance with a network distribution protocol ~~further~~ comprises ~~the steps of~~:

reading ~~said digitized electronic~~ the electronically-encoded signal to ~~identify said control message~~ verify a network message identifier encoded within said electronically-encoded signal;

terminating ~~said digitized electronic~~ the electronically-encoded signal in response to failing to ~~identify~~ verify said ~~control~~ network message identifier; and

~~processing said digitized electronic~~ commencing said message semantic decoding of said electronically-encoded signal in response to ~~identifying~~ verifying said ~~control~~ network message identifier.

5. (Currently Amended) The method of claim [[2]] 21, ~~wherein said encoding step is followed by the step of generating and transmitting an outgoing vibration wave message in accordance with said network protocol~~ further comprising encoding a network message to be transmitted from said communication interface in accordance with said host-specific instruction.

6. (Currently Amended) The method of claim 5, ~~wherein said generating and transmitting step~~ further ~~comprises the steps of~~ comprising:

translating a digital signal ~~from said protocol interface macro~~ carrying said encoded network message into an analog network message signal; and

converting said ~~translated~~ analog network message signal into an outgoing ~~vibration wave message~~ sound-encoded signal.

7. (Canceled)

8. (Currently Amended) ~~An electronic device~~ A communication interface communicatively coupled to a host apparatus, said communication interface comprising:

a ~~base media interface within each of said plurality of devices for~~ transceiver having a processor for processing incoming and outgoing ~~vibration wave~~ sound-encoded messages in accordance with a network protocol, said transceiver including an input transducer that transduces a received sound-encoded signal into an electronically-encoded signal; ~~and~~

a protocol interface macro communicatively coupled to said transceiver processor for processing the transduced signal in accordance with a network distribution protocol;

a device-specific logic in communication with said ~~base media interface~~ transceiver for decoding a message ~~specific~~ semantic of ~~an incoming vibration wave message~~ said transduced signal, said decoding comprising translating the message semantic in accordance with operating characteristics native to said host apparatus ~~and encoding a message specific semantic of an outgoing vibration wave message, such that each of said plurality of devices may correspond in accordance with device specific and message specific limitations~~; and

wherein said transceiver further includes an output transducer that transmits an outgoing sound-encoded signal from said host apparatus in accordance with said network distribution protocol processing.

9. (Currently Amended) The communication interface of claim 8, wherein said ~~base media interface~~ device-specific logic comprises ~~a protocol interface macro for decoding said incoming vibration wave message and encoding said outgoing vibration wave message in accordance with said network protocol~~ encoder logic for encoding the outgoing sound-encoded signal in accordance with said translated message semantic.

10. (Canceled)

11. (Currently Amended) The communication interface of claim [[10]] 8, said input transducer converting the received sound-encoded signal into an analog electronic signal, and wherein said ~~base media interface~~ transceiver further comprises an analog-to-digital converter for digitizing said analog electronic signal.

12. (Currently Amended) The communication interface of claim 9, wherein said ~~base media interface~~ transceiver further comprises a vibration encoder in communication with said ~~protocol interface macro~~ device-specific logic for generating and transmitting an outgoing ~~vibration wave message in accordance with said network protocol~~ sound-encoded signal carrying said translated message semantic.

13. (Currently Amended) The communication interface of claim 12, wherein said vibration encoder comprises:

a digital-to-analog converter for converting a ~~vibration-encoded~~ digital signal from ~~said protocol interface macro~~ a processor complex into an ~~vibration-encoded~~ analog signal; and

~~a speaker for translating~~ an output transducer that converts said ~~vibration-encoded~~ analog signal into an outgoing ~~vibration wave message~~ sound-encoded signal.

14. (Currently Amended) The communication interface of claim [[8]] 12, wherein said ~~base media interface~~ transceiver further includes a message table which stores a plurality of ~~predetermined vibration wave~~ sound-encoded signals in digital format.

15. (Currently Amended) The communication interface of claim 14, wherein said device-specific logic encodes said outgoing ~~vibration wave message~~ sound-encoded signal utilizing at least one of said plurality of ~~predetermined vibration wave~~ sound-encoded signals within said ~~vibration signal~~ message table.

16. (Currently Amended) The communication interface of claim 14, wherein said ~~base media interface~~ transceiver further comprises ~~computer processing means~~ a processor complex that provides interactive processing among said protocol interface macro, said ~~vibration signal~~ message table, and said device-specific logic.

17. (Currently Amended) The communication interface of claim 16, further comprising a ~~non-vibration~~ feedback source in communication with said computer processing means for providing external non-vibration feedback control of said outgoing ~~vibration wave message~~ sound-encoded signal.

18. (Currently Amended) A method, within a communication interface communicatively coupled to a host-apparatus, for processing a ~~communication~~ message ~~with~~ received from another device, said method comprising ~~the steps of~~:

transducing ~~an incoming vibration~~ a received sound-encoded signal into an ~~incoming electronic~~ electronically-encoded signal;

~~decoding~~ processing said ~~incoming electronic~~ electronically-encoded signal ~~to determine whether said incoming vibration signal is~~ in accordance with a network ~~message~~ distribution protocol, said processing including[[;]]:

~~responsive to a determination that said incoming vibration signal is not a network message, terminating said incoming electronic signal;~~

responsive to ~~a determination~~ determining that said ~~incoming vibration~~ received signal is ~~an incoming~~ a network message, determining whether or not a ~~said incoming~~ network message carried by said received signal has been previously received by said ~~host device~~ communication interface;

responsive to ~~a determination~~ determining that said ~~incoming vibration signal~~ network message has been previously received by said ~~host device~~ communication interface, ~~terminating~~ discarding said ~~incoming~~ network message; and

responsive to ~~a determination~~ determining that said ~~incoming vibration signal~~ network message has not been previously received by said ~~host device,~~ communication interface, decoding a message semantic of said electronically-encoded signal, said decoding comprising translating the message semantic in accordance with operating characteristics native to said host apparatus; and

transmitting ~~said incoming network message as an outgoing vibration message~~ an outgoing sound-encoded signal from said host apparatus in accordance with said network distribution protocol processing.

19. (Canceled)

20. (New) The method of claim 1, wherein said processing the transduced signal in accordance with a network distribution protocol comprises determining whether or not a message carried by the transduced signal has been previously received by said communication interface.

21. (New) The method of claim 1, further comprising processing the translated message semantic, and in response thereto accessing a host-specific instruction stored within said communication interface.

22. (New) The method of claim 21, said accessing a host-specific instruction comprising accessing said host-specific instruction from a host-specific logic module stored within said communication interface.

23. (New) The method of claim 21, further comprising issuing to said host apparatus a command in accordance with said host-specific instruction.

24. (New) The communication interface of claim 8, further comprising a processor complex that processes said electronically-encoded signal in accordance with a network distribution protocol, said processing comprising determining whether or not a message carried by said electronically-encoded signal has been previously received by said communication interface.

25. (New) The communication interface of claim 8, further comprising a processor complex that processes the translated message semantic, and in response thereto, accesses a host-specific instruction stored within said communication interface.

26. (New) The communication interface of claim 25, wherein said processor complex accesses said host-specific instruction from a device-specific logic module stored within said communication interface.

27. (New) The communication interface of claim 25, wherein said processor complex issues to said host apparatus a command in accordance with said host-specific instruction.